

Title (en)

Method for increasing light emission from a chemiluminescent reaction

Title (de)

Verfahren zur Steigerung der Lichtemission einer Chemilumineszenz-Reaktion

Title (fr)

Méthode pour augmenter l'émission de lumière des réactions à chimiluminescence

Publication

**EP 1962095 B1 20110615 (EN)**

Application

**EP 08151414 A 20080214**

Priority

IT BO20070112 A 20070223

Abstract (en)

[origin: EP1962095A1] Method for increasing the emission of light from a chemiluminescent reaction including luminol, a peroxidase enzyme, an oxidant and a mediator of electrons through the use of a hypernucleophilic acylation catalyst belonging to the class of 4-aminopyridines. It is also described the use in diagnostic assays of chemiluminescent substrates containing said catalysts.

IPC 8 full level

**G01N 33/58** (2006.01)

CPC (source: EP US)

**C12Q 1/28** (2013.01 - EP US); **G01N 33/582** (2013.01 - EP US); **Y10S 435/975** (2013.01 - EP)

Cited by

EP2405016A1; ITTO20100580A1; EP3686285A1; CN111454718A; IT201900000959A1; US10711185B2; US11761964B2; US9040252B2; US11112366B2

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DOCDB simple family (publication)

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**EP 08151414 A 20080214**; AT 08151414 T 20080214; DK 08151414 T 20080214; ES 08151414 T 20080214; IT BO20070112 A 20070223; US 7133308 A 20080220; US 80582710 A 20100820